

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D130-780 REV. A  
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D130-780 REV. 0  
REF. TCCA STC: SH93-88

Service experience with the D130-780-011 hinge door modification has shown that in some cases the upper door seal wears excessively due to hinge door contact. This DSI gives the operator an optional seal to install. The DSI 9444-011 seal kit provides better durability and is easy to install at the operator's discretion.

Install the DSI 9444-011 seal kit as follows:

- 1) Remove the OEM upper door seal.
- 2) Position D3892-1 seal so that the forward edge is 0.50" forward of the aft door when it is closed, on the same lip that the OEM seal is attached to.
- 3) Attach D3892-1 seal using PRC or equivalent on inboard and outboard side of lip.
- 4) Reposition the OEM seal and cut out a piece so that it fits tightly against the D3892-1 seal on both the forward and aft ends.
- 5) Use PRC or equivalent to seal the ends of the D3892-1 seal to the OEM seal.
- 6) Allow PRC to cure per the manufacturer's instructions before closing doors.

See Figure 1 for details.

There is no weight and balance change associated with this modification.

The DSI 9444-011 seal kit has been included with the D130-780-011 hinge modification kit at CHG 001 and subsequent.

## PARTS LIST

QTY. -011	PART NUMBER	DESCRIPTION
X	DSI 9444-011	SEAL KIT
1	D3892-1	SEAL

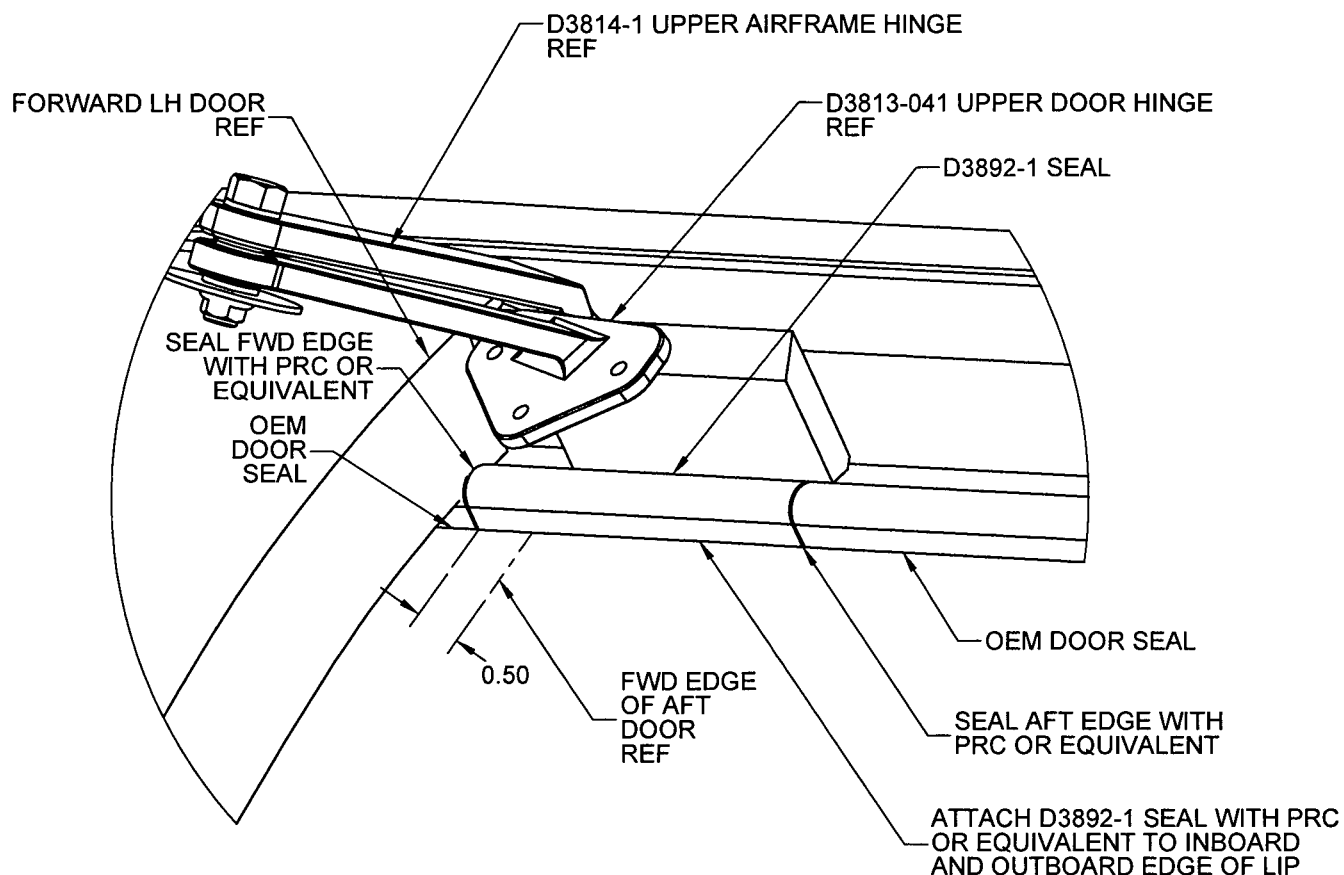
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY: D. Shepherd  
D. SHEPHERD (DE # 02)

DATE: 09.01.27  
CERT. NO.: SH93-88  
ISSUE NO.: 6

A	NEW ISSUE	09.01.27
REV.	DESCRIPTION	BY DATE
DESIGN		<b>DART AEROSPACE LTD</b>
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. REV. A
MFG. APPR.	N/A	DSI 9444 SHEET 1 OF 2
APPROVED		TITLE SCALE
DE APPR.		OPTIONAL SEAL KIT NTS
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**FIGURE 1: DSI 9444-011 OPTIONAL SEAL INSTALLATION**  
(AFT HINGE DOOR AND HINGE ATTACHMENT HARDWARE NOT SHOWN FOR CLARITY)

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY: [Signature]  
D. SHEPHERD (DE # 02)

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CHECKED	PH	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9444	SHEET 2 OF 2
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